EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	453	"structured part"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L2	48	"structured part" and list	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L3	487	simulation and parts and list and manufacture and price and size and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L4	386	simulation and parts and list and semiconductor and size and price	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L5	333	"parts list" and circuit and price	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
L6	71	"parts list" and simulation and price	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
L7	1	"compatibility prediction" and simulation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
L8	5	"compatibility prediction"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
L9	82	prediction and "parts list" and simulation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49

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L10	2	"20010014836"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
L11	2	"6110213".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
L12	2	"20010014836"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L13	1	"compatibility prediction" and simulation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
L14	48	"structured part" and list	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L15	71	"parts list" and simulation and price	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
L16	5	"compatibility prediction"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
L17	82	prediction and "parts list" and simulation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
L18	2	"20010014836"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
L19	2	"6110213".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49

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L20	333	"parts list" and circuit and price	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
L21	408	703/20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
L22	453	"structured part"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L23	487	simulation and parts and list and manufacture and price and size and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L24	386	simulation and parts and list and semiconductor and size and price	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L25	1062	715/530	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L26	11017	simulation and parts and list	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L27	13447	"parts list"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
L28	3848	"parts list" and circuit	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
L29	6677	705/26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49

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L30	2428	716/1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
L31	10799	prediction and part and simulation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 13:49
L32	1054456	assembly and parts	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L33	501110	assembly and parts and (@ad<"20000208" or @rlad<"20000208")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L34	9227	"assembly parts" and parts and (@ad<"20000208" or @rlad<"20000208")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L35	13	"assembly parts" and "parts information" and (@ad<"20000208" or @rlad<"20000208")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L36	38236	assembly and parts and (@ad<"20000208" or @rlad<"20000208") and (update or replace) and (function or purpose)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L37	8245	assembly and parts and (@ad<"20000208" or @rlad<"20000208") and (update or replace) and (function or purpose) and name	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49

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L38	5733	assembly and parts and (@ad<"20000208" or @rlad<"20000208") and (update or replace) and (function or purpose) and name and storage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L39	1	assembly and "structured parts" and (@ad<"20000208" or @rlad<"20000208") and (update or replace) and function and name and storage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L40	65	"assembly parts" and parts and (@ad<"20000208" or @rlad<"20000208") and (update or replace) and function and name and storage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49
L41	5488	assembly and parts and (@ad<"20000208" or @rlad<"20000208") and (update or replace) and function and name and storage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:49

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1 Modeling design tasks and tools: the link between product and flow model
Bernd Schürmann, Joachim Altmeyer
June 1997 **Proceedings of the 34th annual conference on Design automation DAC '97**
Publisher: ACM Press
Full text available: pdf(73.26 KB) Publisher Site
Additional Information: full citation, abstract, references, index terms

The important step towards a comprehensiveCAD framework is the development of a suitable, completedesign model on which the design system's components arebased. To date, we generally find "island" solutions for differentaspects as data and process management, but in future, weneed more and more integrated solutions. Only the integrationgives us the traceability we need for design planning, to generateparts of the design toolýs code automatically, etc.This paper describes how a suitable Design Ta ...

2 PartsID: a dialogue-based system for identifying parts for medical systems
Amit Bagga, Tomek Strzalkowski, G. Bowden Wise
April 2000 **Proceedings of the sixth conference on Applied natural language processing**
Publisher: Morgan Kaufmann Publishers Inc.
Full text available: pdf(735.05 KB) Publisher Site
Additional Information: full citation, abstract, references

This paper describes a system that provides customer service by allowing users to retrieve identification numbers of parts for medical systems using spoken natural language dialogue. The paper also presents an evaluation of the system which shows that the system successfully retrieves the identification numbers of approximately 80% of the parts.

3 Virtual enterprises: challenges from a database perspective
Ralf Neubert, Oliver Langer, Otmar Görlitz, Wolfgang Benn
January 2001 **Australian Computer Science Communications , Proceedings of the workshop on Information technology for virtual enterprises ITVE '01 , Proceedings of the workshop on Information technology for virtual enterprises ITVE '01**, Volume 23 Issue 6
Publisher: IEEE Computer Society , IEEE Computer Society , IEEE Computer Society Press
Full text available: pdf(971.58 KB) Publisher Site
Additional Information: full citation, abstract, references

Non-hierarchical Regional Production Networks are the vision of a Virtual Enterprise (VE) model followed in a collaborative research project, that has been launched in January 2000 at the Chemnitz University of Technology. The aim of the project is to develop a model

that makes small and medium sized enterprises in a region as competitive as large-scale companies. A cooperation of various complementary small VE units, so called competence cells, is considered as a network. This paper sketches th ...

Keywords: VE models, adaptive multi-dimensional indexing, business process re-engineering, infrastructure for cooperation formation, semistructured databases, virtual information management infrastructure

4 Business process oriented information management: conceptual models at work

P. Peters, P. Szczurko, M. Jarke, M. Jeusfeld

August 1995 **Proceedings of conference on Organizational computing systems**

Publisher: ACM Press

Full text available: pdf(1.43 MB) Additional Information: full citation, abstract, references, index terms

The reorganization of function-oriented, hierachically structured firms into interacting business process networks of functional islands integrated by flow of material and information is a major challenge for a company that wants to meet the steadily changing business demands of today. As information has become an important production resource during the last decades, the reorganization of information management has to accompany organizational restructuring. In this paper we propose ...

5 Building database-driven electronic catalogs

Sherif Danish

December 1998 **ACM SIGMOD Record**, Volume 27 Issue 4

Publisher: ACM Press

Full text available: pdf(389.04 KB) Additional Information: full citation, abstract, citings, index terms

This paper describes issues and solutions related to the creation of a product information database in the enterprise, and using this database as a foundation for deploying an electronic catalog. Today, product information is typically managed in document composition systems and communicated on paper. In the new wired world, these processes are undertaking fundamental changes to cope with the time to market pressure and the need for accurate, complete, and structured presentation of product ...

6 Virtual organization and electronic commerce

Bob Travica

August 2005 **ACM SIGMIS Database**, Volume 36 Issue 3

Publisher: ACM Press

Full text available: pdf(380.58 KB) Additional Information: full citation, abstract, references, index terms

The purpose of this article is to contribute to understanding the virtual organization and its relationship with electronic commerce. The relevant literature on virtual organization forms through which business-to-business e-commerce is organized is reviewed. A model of the virtual organization is presented and its use in a case study demonstrated. Implications for further research are discussed.

Keywords: electronic commerce, virtual alliance, virtual corporation, virtual interorganizational team, virtual organization

7 A database supported discrete parts manufacturing simulation

William P. Rundren, Charles R. Standridge

January 1981 **Proceedings of the 13th conference on Winter simulation - Volume 1**

Publisher: IEEE Press

Full text available: pdf(648.06 KB) Additional Information: full citation, abstract, references, citings, index terms

This paper discusses a prototype decision support system for discrete parts manufacturing. Basic decision support system concepts are presented. The context of this analysis effort

within the entire technical operations of the firm is shown. The use of typical, real production data stored in a database for both traditional reporting purposes and as data input to a simulation model is discussed. Thus, the model can process both currently known future orders and generate currently unknown fut ...

8 Productivity tools for web-based information

Robin Green

September 1998 **Proceedings of the 16th annual international conference on Computer documentation**

Publisher: ACM Press

Full text available: pdf(836.75 KB) Additional Information: full citation, references, citings, index terms

9 Document Databases: Requirements for XML document database systems

Airi Salminen, Frank Wm. Tompa

November 2001 **Proceedings of the 2001 ACM Symposium on Document engineering**

Publisher: ACM Press

Full text available: pdf(141.89 KB) Additional Information: full citation, abstract, references, citings, index terms

The shift from SGML to XML has created new demands for managing structured documents. Many XML documents will be transient representations for the purpose of data exchange between different types of applications, but there will also be a need for effective means to manage persistent XML data as a database. In this paper we explore requirements for an XML database management system. The purpose of the paper is not to suggest a single type of system covering all necessary features. Instead the pur ...

Keywords: XML, XML database systems, data definition, data manipulation, data modelling, structured documents

10 Database component ware

Bernhard Thalheim

January 2003 **Proceedings of the fourteenth Australasian database conference - Volume 17 ADC '03**

Publisher: Australian Computer Society, Inc.

Full text available: pdf(301.28 KB) Additional Information: full citation, abstract, references, citings, index terms

Database modeling is still a job of an artisan. Due to this approach database schemata evolve by growth without any evolution plan. Finally, they cannot be examined, surveyed, consistently extended or analyzed. Querying and maintenance become very difficult. Distribution of database fragments becomes a performance bottleneck. Currently, databases evolve to huge databases. Their development must be performed with the highest care.This paper aims in developing an approach to *systematic* sch ...

11 Integration of information development with product development

Brian Larmour, Roy MacLean

February 1996 **Proceedings of the 13th annual international conference on Systems documentation: emerging from chaos: solutions for the growing complexity of our jobs**

Publisher: ACM Press

Full text available: pdf(467.40 KB) Additional Information: full citation, index terms

12 A methodology for development of simulation based production schedule generation systems

Knud E. Wichmann

December 1990 **Proceedings of the 22nd conference on Winter simulation**
Publisher: IEEE Press
Full text available: pdf(528.24 KB) Additional Information: full citation, references, citings, index terms

13 On the duality of distributed database and distributed AI systems
Mike P. Papazoglou
December 1993 **Proceedings of the second international conference on Information and knowledge management**
Publisher: ACM Press
Full text available: pdf(1.11 MB) Additional Information: full citation, references, citings, index terms

14 Active rules in deductive databases
John V. Harrison
December 1993 **Proceedings of the second international conference on Information and knowledge management**
Publisher: ACM Press
Full text available: pdf(1.13 MB) Additional Information: full citation, references, index terms

15 Information systems curriculum recommendations for the 80s: undergraduate and graduate programs
Jay F. Nunamaker, J. Daniel Couger, Gordon B. Davis
November 1982 **Communications of the ACM**, Volume 25 Issue 11
Publisher: ACM Press
Full text available: pdf(2.20 MB) Additional Information: full citation, abstract, references, citings, index terms

The recommendations of the 1972 and 1973 ACM Curriculum Committee on Information Systems programs have been influential in the development of degree programs at the bachelor's, master's, and doctoral levels. The earlier curriculum has been revised and updated based on advances in the field over the past nine years. The report discusses the continuing need for education related to the definition, analysis, design, construction, and management of information systems in organizations. The stru ...

16 Creating segmented databases from free text for text retrieval
Lisa F. Rau, Paul S. Jacobs
September 1991 **Proceedings of the 14th annual international ACM SIGIR conference on Research and development in information retrieval**
Publisher: ACM Press
Full text available: pdf(904.82 KB) Additional Information: full citation, references, citings, index terms

17 DATABASE QUERY COMPOSITION AND THE ROLE OF USER VIEW OF DATA
John B. Smelcer
January 1987 **ACM SIGCHI Bulletin**, Volume 18 Issue 3
Publisher: ACM Press
Full text available: pdf(320.12 KB) Additional Information: full citation, abstract, references

In spite of years of research aimed at improving database query languages (Boyle, Bury & Evey, 1983; Reisner, Boyce & Chamberlin, 1975; Thomas & Gould, 1975; Welty & Stemple, 1981; Welty, 1985), users still make mistakes. They consistently err when writing queries requiring information about two (or more) different entities, e.g., "What are the locations of all products?" Users not only have to learn a query language, but have to learn the structure of their data ...

18 Documentation production from a formal database

Christopher Hartsough, Yuzo Yamamoto, E. David Callender
January 1982 **Proceedings of the 1st annual international conference on Systems documentation**
Publisher: ACM Press

Full text available: pdf(899.18 KB) Additional Information: full citation, abstract, references, citings, index terms

This paper reports on an existing, operational prototype system, TG/TF2, for the generation of typeset quality documentation from a formal database. TG/TF2 directly supports the conceptual separation of system design, document content design, and document format design. Specifically, support for system design is supplied by Problem Statement Language/Problem Statement Analyzer (PSL/PSA), a development of the ISDOS Project at the University of Michigan. Document content design support is pro ...

19 PMDB—a project master database for software engineering environments

Maria H. Penedo, E. Don Stuckle
August 1985 **Proceedings of the 8th international conference on Software engineering**
Publisher: IEEE Computer Society Press

Full text available: pdf(880.04 KB) Additional Information: full citation, abstract, references, citings, index terms

Although the use of Software Engineering Environments (SEE) results in increased software productivity, current SEEs are still in the infant stages and lack critical characteristics such as an integrated project database which stores all data pertinent to a project, i.e., resources, products, management information, etc, and which provides easy access to its data. Driven by projects' needs and motivated by the experiences acquired in the building of the TRW Software Development E ...

20 Special section: Special issue on AI and Database research

Jonathan J. King
October 1983 **ACM SIGART Bulletin**, Issue 86
Publisher: ACM Press

Full text available: pdf(3.84 MB) Additional Information: full citation, abstract

This collection of research summaries spans a very wide range of interests under the general heading of AI and Database research. In this introduction, I briefly describe the leading areas of interest that emerge from the reports submitted for this issue.

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